

#2
 551 U.S. PTO
 09/24/3030
 02/03/99

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. 1.56, 1.97, and 1.98)	ATTORNEY DOCKET 23164-1001D1	APPLICATION NO. To Be Assigned
	APPLICANT(S) Michael Gerard Tovey	
	FILING DATE February 3, 1999	GROUP To Be Assigned

SHEET 1 OF 3

U.S. PATENT DOCUMENTS

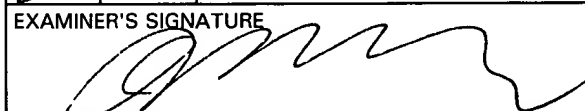
† EX'R INITIAL	* REF. #	PATENT NUMBER	DATE (MO/YR)	NAME	U.S. CLASS/ SUBCLASS	FILING DATE (If appropriate)
8	*1	4,605,555	08/86	Sato et al	424/85	
8	*2	5,019,382	05/91	Cummins, Jr.	424/85.4	
8	*3	5,215,741	06/93	Young et al.	424/85.7	
8	*4	5,286,748	02/94	Eby, III	514/494	
8	*5	5,017,371	05/91	Cummins	424/85.6	
8	*6	4,820,514	04/89	Cummins	424/85.4	
8	*7	5,188,828	02/93	Goldberg et al.	424/85.2	
8	*8	5,449,515	09/95	Hamilton et al.	424/85.2	
8	*9	5,601,814	02/97	Barton et al.	424/85.2	

FOREIGN PATENT DOCUMENTS

† EX'R INITIAL	* REF. #				TRANSLATION (YES/NO)
8	*10	CA 1,320,905	08/93	CANADA	YES
	*11	WO 91/16917	11/91	PCT	NO
	*12	WO 92/11030	07/92	PCT	NO
	*13	94/1654	03/94	REPUBLIC OF SOUTH AFRICA	NO
	*14	WO 96/10395	04/96	PCT	NO
	*15	WO 96/25171	08/96	PCT	NO
	*16	WO 97/25862	07/97	PCT	NO



OTHER DOCUMENTS

† EX'R INITIAL	* REF. #	CITATION (Author, Article Title, Journal/Book Title, Date, Pertinent Pages, etc.)
8	*17	Boguniewicz et al., "The Effect of Nebulized Recombinant Interferon-γ in Asthmatic Airways", <i>J. Allergy Clin. Immunol.</i> 95:133-135 (1995).


EXAMINER'S SIGNATURE 	DATE CONSIDERED 3/75/2002
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† EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Line through citation if not in conformance and not considered. *Include copy of this form in next communication to applicant.*

* If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. 1.98(d).

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SHEET 2 OF 3		February 3, 1999	To Be Assigned	
OTHER DOCUMENTS				
† EX'R INITIAL	* REF. #	CITATION (Author, Article Title, Journal/Book Title, Date, Pertinent Pages, etc.)		
J	*18	Boguniewicz et al., "The Effect of Nebulized Recombinant Interferon- γ in Asthmatic Airways", <i>J. Allergy Clin. Immunol.</i> 95:133-135 (1995).		
J	*19	Brod et al., "Oral Administration of IFN- α is Superior to Subcutaneous Administration of IFN- α in the Suppression of Chronic...", <i>Journal of Autoimmunity</i> 9:11-20 (1996).		
J	*20	Douglas et al., "Prophylactic Efficacy of Intranasal Alpha ₂ -Interferon Against Rhinovirus Infections in the Family Setting" 314: 65-70 (1986).		
J	*21	Hayden et al., "Intranasal Interferon α_2 for Prevention of Rhinovirus Infection and Illness", <i>Journal of Infectious Diseases</i> 148:543-550 (1983).		
J	*22	Hayden et al., "Human Tolerance and Histopathologic Effects of Long Term Administration of Intranasal Interferon- α_2 ", <i>Journal of Infectious Diseases</i> 148:914-921 (1983).		
J	*23	Hayden et al., "Prevention of Natural colds by Contact Prophylaxis with Intranasal Alpha ₂ -Interferon", <i>New England Journal Of Medicine</i> 314:71-75 (1986).		
J	*24	Hayden et al., "Human Nasal Mucosal Responses to Topically Applied Recombinant Leukocyte A Interferon", <i>Journal of Infectious Diseases</i> 156:64-72 (1987).		
J	*25	Iida et al., "Protective Activity of Recombinant Cytokines Against Sendai Virus and Herpes Simplex Virus (HSV) infections in mice", <i>Vaccine</i> 7:229-233 (1989).		
J	*26	Machida et al., "Absorption of recombinant human granulocyte colony-stimulating factor (rhG-CSF) from rat nasal mucosa," <i>Pharmaceutical Research</i> , 10:1372-1377 (1993).		
J	*27	Matsuzawa et al., "Protective Effect of Mucosal Administration of Recombinant Human Macrophage Colony-Stimulating Factor...", <i>Vaccine</i> 15:85-89 (1997).		
J	*28	Moore et al., "Inflammatory Markers in Bronchoalveolar Lavage Fluid of Standardbred Racehorses with Inflammatory...", <i>Equine Veterinary Journal</i> 29:142-147 (1997).		
J	*29	Oehling et al., "Suppression of the Immune System by Oral Glucocorticoid Therapy in Bronchial Asthma", <i>Allergy</i> 52:144-154.		
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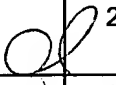

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OTHER DOCUMENTS		
† EX'R INITIAL	* REF. #	CITATION (Author, Article Title, Journal/Book Title, Date, Pertinent Pages, etc.)
Q	*30	Samo et al., "Efficacy and Tolerance of Intranasally Applied Recombinant Leukocyte A Interferon in Normal Volunteers", <i>Journal of Infectious Diseases</i> 148:535-542 (1983).
Q	*31	Samo et al., "Intranasally Applied Recombinant Leukocyte A Interferon in Normal Volunteers. II.", <i>Journal of Infectious Diseases</i> 150:181-188 (1984).
Q	*32	Soos et al., Oral Feeding of Interferon τ Can Prevent the Acute and Chronic Relapsing Forms of Experimental Allergic Encephalomyelitis", <i>Journal of Neuroimmunology</i> 75:43-50 (1997).
Q	*33	Takada et al., "Pharmacological Activity of Tablets Containing Recombinant Human Granulocyte...", <i>International Journal of Pharmaceutics</i> 101:89-96 (1994).
Q	*34	Vriesendorp et al., "Oral Administration of Type I Interferon Modulates the Course of Experimental Allergic Neuritis", <i>Autoimmunity</i> 24:157-165 (1996).
Q	*35	Watanabe et al., "Absorption and Blood Leukocyte Dynamics of Recombinant Human Granulocyte Colony-Stimulating Factor...", <i>International Journal of Pharmaceutics</i> 110:93-97 (1994).
Q	*36	Zielinska et al., "Comparison of the Long-Term Effects of Treatment with Oral and Parenteral...", <i>Archivum Immunologiae et Therapiae Experimentalis</i> 44:359-366 (1996).
Q	*37	Ianaro, et al., "Expression of TGF- β in attenuated <i>Salmonella typhimurium</i> : oral administration leads to the reduction of inflammation, IL-2 and IFN- γ , but enhancement of IL-10, in carrageenin-induced oedema in mice," <i>Immunology</i> , 84:8-15 (1995).
Q	*38	Koren et al., "Modulation of peripheral leukocyte counts and bone marrow function in mice by oral administration of interleukin-2," <i>Journal of Interferon Research</i> , 14:343-347 (1994).
Q	*39	Marinaro et al., "Interleukin-12 alters helper T-cell subsets and antibody profiles induced by the mucosal adjuvant cholera toxin," <i>Annals New York Academy of Sciences</i> , __:361-365 (___).
Q	*40	Marinaro et al., "Oral but not parenteral interleukin (IL)-12 redirects T helper 2 (Th2)-type responses to an oral vaccine without latering mucosal IgA responses," <i>J. Exp. Med.</i> , 185:415-427 (1997).
Q	*41	Yamamoto et al., "TNF/LT- α double knockout mice have deficient Th2 type immunity but retain Th1 function," <i>J. Allergy Clin. Immunol.</i> , Abstract, 143 (1997).
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	1	EP 578 823 A1	01/19/94	EPO	NO

OTHER DOCUMENTS		
† EX'R INITIAL	* REF. #	CITATION (Author, Article Title, Journal/Book Title, Date, Pertinent Pages, etc.)
	2	Kaido, T.J., "Intranasal administration of IFN- α/β inhibits the development of visceral tumor metastases," <i>Journal of Interferon and Cytokine Research</i> , 17:31-36 (1997).
	3	Yoshino, S., "The preventive effect of oral administration of type 1 interferon on collagen-induced arthritis in rats," <i>Experimental and Molecular Pathology</i> , 62:123-130 (1995).

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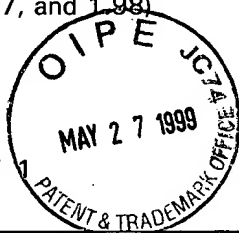
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INFORMATION DISCLOSURE STATEMENT

(37 C.F.R. 1.56, 1.97, and 1.98)

SHEET 1 OF 1



ATTORNEY DOCKET

23164-1001-D

APPLICATION NO.

09/243,030

APPLICANT(S)

Tovey, Michael G.

February 3, 1999

GROUP

1646

U.S. PATENT DOCUMENTS

† EX'R INITIAL	* REF. #	PATENT NUMBER	DATE (MO/YR)	NAME	U.S. CLASS/ SUBCLASS	FILING DATE (If appropriate)

FOREIGN PATENT DOCUMENTS

† EX'R INITIAL	* REF. #	PATENT NUMBER	DATE (MO/YR)	NAME	TRANSLATION (YES/NO)
	1	WO 82/00588	4/82	PCT	
	2	WO 92/10207	6/92	PCT	
	3	0 396 903	3/90	EPO	

OTHER DOCUMENTS

† EX'R INITIAL	* REF. #	CITATION (Author, Article Title, Journal/Book Title, Date, Pertinent Pages, etc.)
	4	Hayden, Frederick G., "Intranasal Interferon α 2 for Prevention of Rhinovirus Infection and Illness", The Journal of Infectious Diseases, Vol. 148, No. 3 September 1983. pp. 543-550.

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3/15/2000

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